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JUN 29 2001

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2962-120P

H24/H
7/9/01
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IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicants: Margaret BYWATER et al.

Serial No.: 08/776,044 Group: 1642

Filed: February 26, 1997 Examiner: Y. Eyler

Re: SEQUENCE-BASED MUTATION ANALYSIS OF NEOPLASTIC
TISSUE FOR DIAGNOSIS OR PROGNOSIS OF THE
NEOPLASIA

REPLY UNDER 37 C.F.R. 1.111

Assistant Commissioner of Patents
Washington, D.C. 20231

June 27, 2001

Sir:

In reply to the Office Action dated February 27, 2001, the due date having been extended one (1) month, to June 27, 2001, by petition herein, the following amendments and remarks are respectfully submitted.

IN THE CLAIMS:

Please amend the following claims:

1. (Five Times Amended) A method for prognostication of the development of neoplasia and providing guidance for treatment in a human patient having a neoplasia comprising:

a) determining a nucleotide sequence of all exons of a cancer-related p53 nucleic acid which encode biologically